

## PATENT ABSTRACTS OF JAPAN

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## (54) MEMBRANE MODULE TYPE WATER TREATING DEVICE

## (57)Abstract:

**PURPOSE:** To prevent the membrane from polluting by providing a flash valve in the concd. water line of one end side of a membrane module structural body and connecting a bypass line to the raw water line of the other end side.

**CONSTITUTION:** When a water supply pump 10 is put in operation, the raw water in a raw water tank 12 reaches a three-way valve 5 through a cartridge filter 11. Ordinarily, the raw water is directly entered into the membrane module structural body 1, and the water passing through it flows into a treated water line 13. By switching the port of the three-way valve 5, the raw water is made flow through the bypass line 7 for injection of chemical agent and then entered into the membrane module structural body 1. When the flashing valve 3 is opened, the concd. water is made flow out with an increased flow rate from a concd. water line 2. By this operation, the consolidation of the membrane module 1 is eliminated.

